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## I/We Claim:

 Structurally supported LCD media comprising: a initial structural layer;

a plurality of addressable layers, each of which having predetermined optical properties, and the layers have LC there-between and have narrow conductive pathways on opposing faces which respectively address a predetermined LC volume between the pathways, and the pathways are respectively accessible for interconnection with a LC electric pulse driving means;

a final structural layer being of predetermined optically transparency to frequencies of light scattered and/or reflected by at least one of the other layers; and

means for sealing the initial layer to the final layer with the addressable layers therebetween, and having there-through a continuation of said respective accessible interconnection.

- The structurally supported LCD media according to claim 1 wherein the initial structural layer is a rigid material having an inert surface facing the final layer.
- The structurally supported LCD media according to claim 2 wherein the inert surface is an applied coating/deposition on the surface.
- The structurally supported LCD media according to claim 1 wherein the initial structural layer is glass.
- The structurally supported LCD media according to claim 1 wherein the initial structural layer is selected from the list: metal, plastic, and composite material.

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 The structurally supported LCD media according to claim 1 wherein the initial structural layer has a surface preparation of predetermined spectral properties facing the final layer.

- The structurally supported LCD media according to claim 1 wherein at least one of the plurality of addressable layers is made from a plastic film.
- The structurally supported LCD media according to claim 1 wherein at least one of the plurality of addressable layers is made from a glassy film.
- The structurally supported LCD media according to claim 1 wherein at least one of the plurality of addressable layers is made from a plastic sheet.
- The structurally supported LCD media according to claim 1 wherein the narrow conductive pathways are selected from the list: Indium Tin Oxide, carbon nanotubes.
- 11. The structurally supported LCD media according to claim 1 wherein at least two adjacent layers of the plurality of addressable layers are separated by precision width gaping spacers selected from the list: micro-particles, deposition members, at least one mesh, a randomized network layer, a lattice structured network layer, and a highly perforated membrane.
- The structurally supported LCD media according to claim 1 wherein the final structural layer is a glass sheet.
- 13. The structurally supported LCD media according to claim 1 wherein the initial structural layer and the plurality of addressable layers and the final structural layer in combination provide a predetermined measure of rigidity that is

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compliant with a predetermined measure of integrity for the initial layer to final layer sealing.

- 14. The structurally supported LCD media according to claim 13 wherein at least two adjacent layers of the plurality of addressable layers are separated by precision width gaping spacers selected from the list: micro-particles, deposition members, mesh, randomized network layer, lattice structured network layer, and highly perforated membrane; and wherein the predetermined measure of rigidity also includes the structural contribution of the precision width gaping spacers.
- The structurally supported LCD media substantially as hereinbefore described and illustrated and characterized by having means for sealing the initial layer to the final layer.